

Program for hotels work automation

Aim

The main task is to develop program for automation of the hotels operators' offices and for search and reservation of free rooms.

Solution

Our task was development of all application, including server-client part and design. The platform was successfully integrated with present systems. First of all we prepared full case of technical documents, was developed and approved system prototype and our team successfully developed this program.

Basic functions

- Description of all services offered by hotel with their prices.
- Drawing up of visitors' applications and preparation of necessary documents.
- Accountability of buyers' payments and settlements with partners for services rendered.
- Compilation of final reports and lists and statistical analysis.
- Quick search of free rooms by adjusted criterions.
- Built-in printing redactor, customizable documents, lists, reports in MS Word, MS Excel redactors.
- Versatile and flexible administration system.
- Interface with accounting program 1C: Bookkeeping.
- Flexible pricing mechanism (calculation of discounts for frequent and corporative clients).

Technologies

IBM Lotus Notes/Domino, IBM Lotus Script, JavaScript, HTTP, Web services, Microsoft SQL Microsoft C#, Net Framework 3.5, AJAX, DHTTP, VisualBasic for Microsoft Office.

Product Title

Hotel automation

Project Capacity

35 man-months